FIG. 3

Object Derivation Hierarchy

300

Managed Entity Object
— Data Link — Path
— Network Partition
— Equipment
  — Physical Link
  — Interface Card
  — Port
    — TDM — E1 / T1
    — Ethernet — 100Mb / 1Gb / 10Mb
    — ATM
  — Node
    — Transport
    — Distribution
    — Access

FIG. 1

NMS 130

Data Transport Network 100
Bridge 104
Data Transport Network 100
Bridge
Network Partition 106
Bridge

Node 112
110
Port 112
Physical Link 108

Node 102
Link 108
Link 108
Path 128
Link 108
Network Partition 106
Data Transport Network

Node 120
Shelf 122
Shelf 124
Shelf 122

Interface Card 112
124
Port 112
Physical Link 108

FIG. 4

Containment Hierarchy

400

Realm of Influence
— Path
  — Data Link
— Network Partition
  — Node
    — Shelf
      — Slot
        — Interface Card
          — Port
            — Physical Link
        — Slot
          — Interface Card
            — Port
        — Slot
          — Interface Card
            — Port
  — Shelf

FIG. 2

Object Navigate Module

File | Edit | View

Tree (510):
- Realm of Influence
  - Network Partition
  - Network Partition
    - Node
    - Node
      - Shelf
      - Interface Card
    - Router
    - Bridge

Tabs (520 / 530): Nodes | Shelves | Cards | Ports

Node Filter Criteria	Node Filter Value
FilterOption1	FilterValue10
FilterOption2	FilterValue8
FilterOption3	FilterValue3
. . .	(not used)

Node Filter

Make List | Stop

#	Entity Specification	Entity Identifier	Status	Uptime	Alarms
1			Online	11:26	None
2			Offline	00:00	High
3			Online	23:07	Low
4					
5					
6					
7					

Parameters for: "SelectedEntity" (540)

Operational Parameter	Value

500

FIG. 5
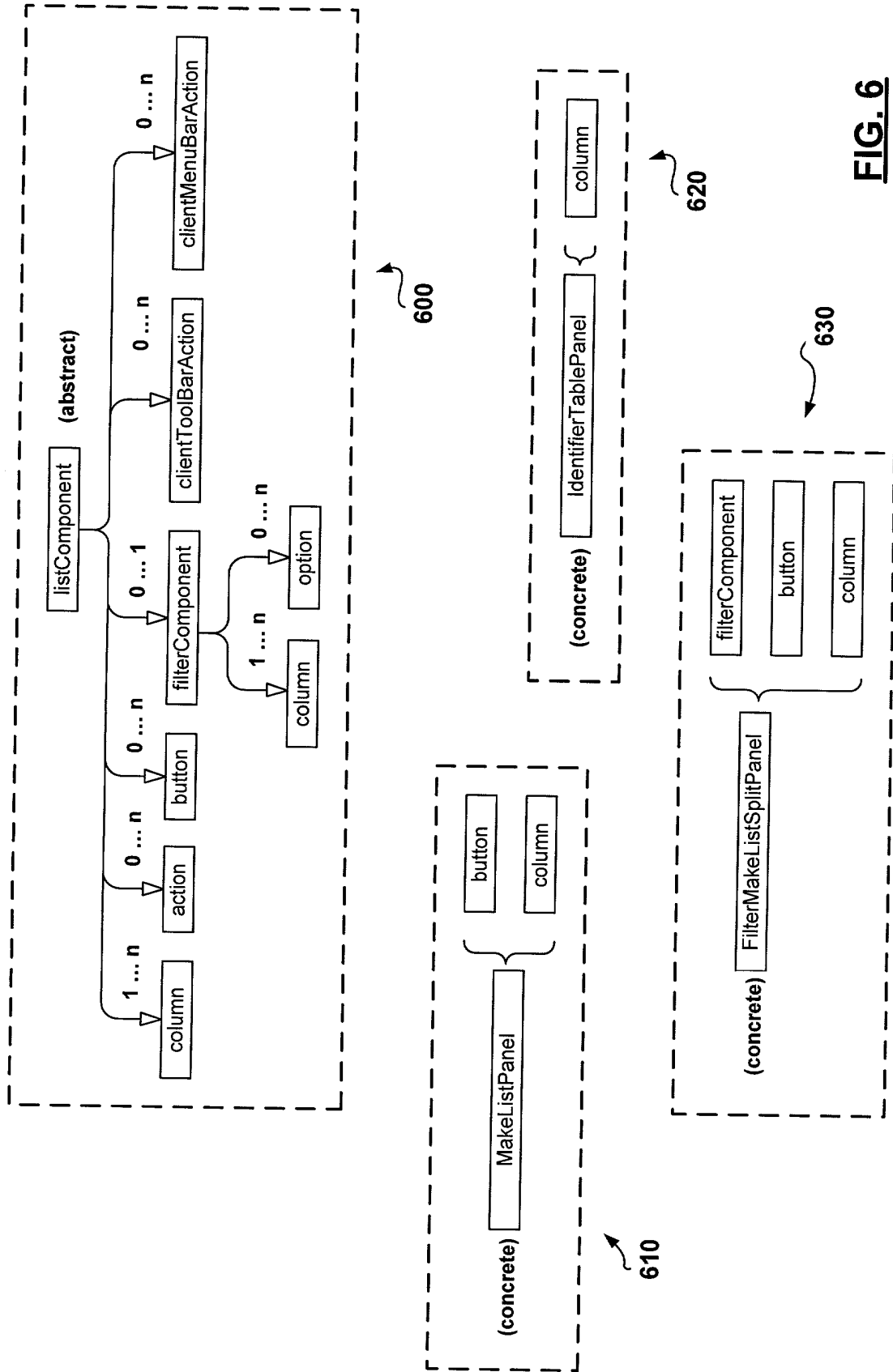
FIG. 6
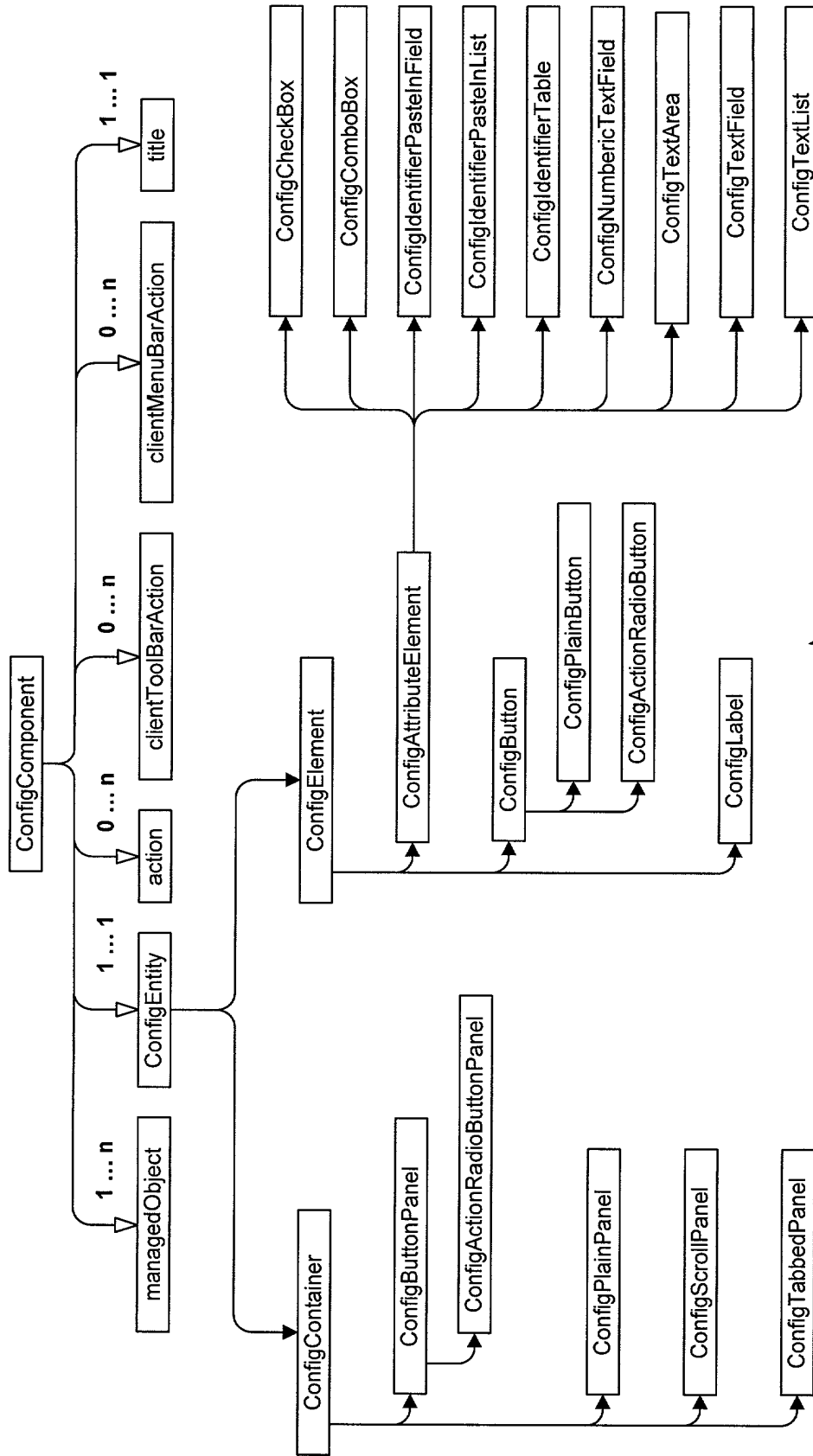
FIG. 8

800

(EntityFilterMakeListSplitPanel)			— X
Filter Criteria	**Filter Value**	**Operation1**	**Operation2**
FilterOption1	FilterValue10	AND	+
FilterOption2	FilterValue8	XOR	-
FilterOption3	FilterValue3	OR	-
FilterOption3	(not used)		
. . .	. . .	. . .	. . .

Make List | Stop

#	**Entity Specification**	**Entity Identifier**	**Status**	**Uptime**	**Alarms**
1	▬▬▬▬	▬▬▬▬	Online	11:26	None
2	▬▬▬▬	▬▬▬▬	Offline	00:00	High
3	▬▬▬▬▬	▬▬	Online	23:07	Low
4					
5					

FIG. 7   700

(EntityConfigPanel)	— X

EntityIdentifier   [＿＿＿＿＿＿＿]   **OK**

EntityType   [＿＿＿＿＿＿▽]   **Save**

NetworkAddress   [＿＿＿＿＿＿＿]   **Cancel**

ServiceAssociation   [＿＿＿＿＿＿▽]   **Help**

General │ Layer-3 │ Layer-2 │ Layer-1

Parameter1   [＿＿＿＿＿＿＿]

Parameter2   [＿＿＿＿＿＿▽]

Action1

Test

FIG. 9   900